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Purchase Order Receipt Listing

Friday, March 03, 2017 8:57:05 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO35284 All Receipt Dates All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

MRB Qty/Book Amt MRB Reject Qty
00000
0.0000
12.0000
Recv Emp
Description/ Cert Std
Nbr/ Insp Req
Order ID/ Curr Type

\$0.000

Total Reject Quantity:

Total Receipt Value: Total Balance Due Quantity:

# INTERORG TRANSFER PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3201023

Ship From:		:0.	Ship To:	Deliver To:
A. M. CASTLE & CO.		DART AEROSPACE LTD	A. M. CASTLE & CO.	DART AEROSPACE LTD
3050 S HYDRAULIC		1270 ABERDEEN	2150 ARGENTIA ROAD	1270 ABERDEEN
WICHITA, KS 67216		HAWKESBURY, ON K6A 1K7	MISSISSAUGA, ON	HAWKESBURY, ON
NSA	CA		L5N 2K7 CAN	K6A 1K7
	- <del>1</del> 782 - 312			CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
16-FEB-17	ORIGIN	Prepaid	ABF	3201023-2

Final Destination Branch - TOR

Shipment Details

			6	\				
Order No	Line No		Item No	Description	tion			
4660070	-	7	750067.MO	0.3750.1	PL.7075.T651	0.3750.PL.7075.T65T.ALUMINUM.48.5000.144.5000	0.144.5000	
				PLATE:	SAW SPECIFIC	PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	7-A-250/12	- ALOIMINOINI
Purchase Order No	r No	Part Number	mber	Ordered Qty	d Oty	=	Invoice Qty	
35284				1.00 PCS	S	-	1.00 PCS	
Details	ALL PA	PERWOI	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	RDER / CU	STOMER MUS	T RECEIVE AT TIN	AE OF DELIV	ERY
	ALL MA	TERIAL	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S	-YING MARI	KINGS EX:HE	AT #'S		
	Email P	/s and ce	Email P/s and certs to: clavoie@dartaero.com	ero.com			(	
	END US	SER: DAF	END USER: DART AEROSPACE			7	7/0	
	END US	SE: COM	END USE: COMMERCIAL AIRCRAFT PARTS	PARTS		7	5	
Delivery No.	Mill	Hea	Heat Number	Mech Id	PCS	Width (IN) Leng	th (IN) Shi	Length (IN)   Shipped Qty(LBS)
120863716	KAISER ALUMINUM		DAS		-		45.4181	181
			7 8 0 9 9 B 8 W					

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) to ultimate country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 16-FEB-2017 03:00:02 PM

# INTERORG TRANSFER PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material cut or specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing Bosh. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned

Reviewed by Authorized Castle Metals Representative:

Date: Name:

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. Date Printed: 16-FEB-2017 03:00:02 PM SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

SOLD TO:

AM CASTLE & CO- SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523



Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

### **CERTIFIED TEST REPORT**

Serial Number 4423896

381969	R:	WOR	rk Pack/	AGE:	750067	RT NUMBER:	- 1		12/20	GOV'T C	ONTRACT NUMBER	
KAISER ORDER NO: 1214279	LINE ITE	M:	SHIP DA		7075	BARE	TEMPER T651		PRODUCT DI Sawed Pla		ON:	
WEIGHT SHIPPED: 3248 LB	12 PC		- 1	2061		GAUGE: 0.3750 IN	V 9.5250/MI	4	AMETER/WIE 8.500 IN (12:	)TH: 31.9 MM)	LENGTH: 144.500 IN	(3670.3 MM

MHU 2016093: LOT 178099B8: 12 pieces;

**Certified Specifications** 

AMS 4045/RevL CMMP 025/RevU AMS-QQ-A-250/12/RevA

**Test Results** 

ASTM B 209/Rev14

Test Code: 1512

Lot: 17809988

8 Cast 211

Drop 90

Ingot 3

Melted in USA

(ASTM EB/8557)

(EN 2002-1)

Tensile:

Temper T651 Dir / # Tests LT / 2 (Min:Max) Ultimate KSI (MPA)

Yield KSI (MPA) 78.5: 78.7 Elongation % 13.0 : 13.2

0.01

0.05

89.0:89.3

(541:543)

TI

0.02

0.20

(ASTM E1251)

Chemistry: Actual(wt%)

SI FE 0.05 0.11 CU MN 1.6 0.01 MG CR 2.6 0.19 ZN

6.0

6.1

V ZR

0.01

0.05

OTHER

0.05

ALLOY LIMITS

SI FE CU 7075 MIN(wt%) 0.00 0.00 1.2 MAX(wt%) 0.40 0.50 2.0

MN MG CR 0.00 2.1 0.18 0.30 2.9 0.28 ZN T): 5.1 0.00 V ZR O

ZR OTHER MAX

TOT

EACH 0.05 TOT 0.15

Aluminum Remainder

ORDER\_COMMENTS AMC CA-15409 R 3





Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

### **CERTIFIED TEST REPORT**

Serial Number 4423896

### CERTIFICATION

CERTIFICATION

\*Nas been inspected, tested, and found to be in conformance with the requirements of the specifications indicated berein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements of the specifications indicated berein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements of the specifications indicated berein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements of the specifications indicated berein. For material thicknesses outside specification limits, mechanical properties are domestic content.

In the United States of America, and meets the requirements of DFARS 252.225 (or domestic content.

In as been thigh processed in compilance with AMS 2772, where applicable.

Is in compilance with RoHS 2, European Union Directive 2011/65/EU.

Is in compilance with RoHS 2, European Union Directive 2011/65/EU.

Is in compilance with and regularly monitors any undates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.

Is tree of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

Any warranty is filmined to that shown on Kelser Aluminum's standard general terms and conditions of sale. Tost reports are on tile, subject to examination. Test reports shall not be regroduced except in full, without the written approval of the Kaiser Aluminum's standard general terms and conditions of sale. Tost reports are on tile contributed as a felony under federal law.

Page 2 of 2

JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

### CERTIFICATE OF CONFORMANCE INTERORG TRANSFER PACKING SLIP/

Page 1 of 2

Shipment No:3201023

Ship From:		Sold To:	Ship To:	Deliver To:
A. M. CASTLE & CO. 3050 S HYDRAULIC	& CO. AULIC	DART AEROSPACE LTD 1270 ABERDEEN	A. M. CASTLE & CO. 2150 ARGENTIA ROAD	DART AEROSPACE LTD 1270 ABERDEEN
WICHITA, KS 67216	67216	HAWKESBURY, ON K6A 1K7		HAWKESBURY, ON
<b>X</b>		5	LSN ZK/ CAN	KbA IK/ CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
16-FEB-17	ORIGIN	Prepaid	ABF	3201023-2
Shipment Details	ails		Final Destination Branch - TOR	OR
Order No	Line No	Item No	Description	
4660070	2	750067.MO	0.3750.PL.7075.T651.ALUMINUM.48.5000.144.5000	IUM.48.5000.144.5000
			PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12	COT 25IDED 10 5 IN ( + . 1250/0000 IN) X 144.5 IN () - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12
Purchase Order No		Part Number	Ordered Qty	Invoice Qty
35284			1.00 PCS	1.00 PCS
Details	ALL PAP	FERWORK MUST FOLLOW OF	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY	EIVE AT TIME OF DELIVERY
)_	ALL MAI	ERIAL MOST HAVE IDENTIFY	ALL MATERIAL MOST HAVE IDENTIFYING MARKINGS EXTHEAT#S Email P/s and certs to: clavoia@dartaero.com	
	END US	END USER: DART AEROSPACE		ノカン
	END US	END USE: COMMERCIAL AIRCRAFT PARTS	ARTS	1/0/
Delivery No.	Mill	Heat Number	Mech Id PCS Width (IN)	(IN) Length (IN) Shipped Qty(LBS)
120863716	KAISER ALUMINUM	17889988	-	28.3863
		500		

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 16-FEB-2017 03:00:02 PM

# INTERORG TRANSFER PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. All claims for defective material are waived unless made in writing  $Q_0 = 0$ , castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for small controls.

Reviewed by Authorized Castle Metals Representative:

Date: Name:

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. Date Printed: 16-FEB-2017 03:00:02 PM SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

SOLD TO:

AM CASTLE & CO- SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

### CERTIFIED TEST REPORT

Serial Number 4423896

CUSTOMER PO NUMBE	R:	WORK P	ACKAGE:		ISTOMER PAR	T NUMBER:	•			OVT C	ONTRACT NUMBER:	
381969				1	50067			103	612/20			
KAISER ORDER NO:	LINE ITE	M: SHII	P DATE:		ALLOY:	CLAD:	TEMPE	₹:	PRODUCT DES	CRIPTI	ON;	
1214279	1	1	JUL-2016	(	7075	BARE	T651		Sawed Plate	+		
WEIGHT SHIPPED:	QUANTI	TY:	TRUCK	B	LW	GAUGE:>		1	DIAMETER/WIDTH	1:	LENGTH:	
3248 LB	12 PC	S EST.	2061	10	8	0.3750	9.6250 N	(M)	48.500 IN	(MM e	144.500 IN	(3670.3 MM)

MHU 2016093: LOT 17809988: 12 pieces;

### **Certified Specifications**

AMS 4045/RevL CMMP 025/RevU AMS-QQ-A-250/12/RevA

ASTM B 209/Rev14

Test Code: 1512

**Test Results** 

Lot: 178099B8

**Cast 211** 

Drop 90

Ingot 3

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:

Temper

T651

Dir / # Tests LT / 2 (Min:Max)

9-89

Ultimate KSI (MPA)

Yield KSI (MPA) 78.5:78.7

Elongation %

89.0:89.3 (614:616)

(541:543)

13.0:13.2

(ASTM E1251)

Chemistry: Actual(wt%)

SI FE 0.05 0.11 CU MN 1.6 0.01 MG CR 2.6 0.19

ZR

0.01

V

OTHER

**ALLOY LIMITS** 

SI FE 7075

CU MN MG

ZN

ZN

6.0

TI

TI

0.02

0.05

0.01

TOT 0.05

MIN(wt%) 0.00 0.00 MAX(wt%) 0.40 0.50 1.2 0.00 2.0 0.30

CR 2.1 0.18 2.9 0.28

5.1 0.00 6.1 0.20

0.00 0.05 0.00 **EACH** 

TOT

ZR OTHER MAX

0.05

0.15

Aluminum Remainder

ORDER\_COMMENTS AMC CA-15409 R 3





Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

**CERTIFIED TEST REPORT** 

Serial Number 4423896

### CERTIFICATION

Kaiser Aluminum Pabricated Products, LLC (Kaiser), its ISO 9001:2008/AS9100C certified and hereby certifies this all material shipped under this order:

\* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, machanical properties are:
as shown herein and chemical composition meets specification requirements.

\* was matted its the United States of America or a qualifying country per DFARS 255.251(a), was manufactured in the United States of America, and meets the requirements of DFARS 255.225 for domestic content.

\* was melted it the United states of America of a qualitying country per DEATS 220.072 Tell, was mainted to the United States of America of a qualitying country per DEATS 220.072 Tell, was mainted to united states of America, and mainted to the Country free, within the limits of detection of ASTM E1251 (2 m 1 ppm).
\* Is in compliance with RoHS 2, European Union Directive 2011/65/EU.
\* Is in compliance with and regularly monitors any undates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
\* Is tree of Conflict Minerals, as desired in Section, 15.2 of the Dodd-Frank Act.

Any worranty is limited to that shown on Kalser Aluminum's standard general terms and conditions of sale. Test reports are on tile, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kalser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under laderal law.





### CERTIFICATE OF CONFORMANCE INTERORG TRANSFER PACKING SLIP/

Page 1 of 2

Shipment No:3201023

Ship From:	So	Sold To:	Ship To:	Deliver To:
A. M. CASTLE & CO.		DART AEROSPACE LTD	A. M. CASTLE & CO.	DART AEROSPACE LTD
3050 S HYDRAULIC	12		2150 ARGENTIA ROAD	1270 ABERDEEN
WICHITA, KS 67216	HA	HAWKESBURY, ON K6A 1K7	MISSISSAUGA, ON	HAWKESBURY, ON
NSA	CA	_	L5N 2K7 CAN	K6A 1K7
				CA
	,			
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
16-FEB-17	ORIGIN	Prepaid	ABF	3201023-2
Shipment Details			Final Destination Branch - TOR	Ä
Order No	Line No	Item No	Description	
4660070	3	752132.MO	4.0000.PL.7075.T7351.ALUMINUM.USI.48.5000.144.5000	JUM.USI.48.5000.144.5000
			CUT LENGTH TO 48.5 IN ( (GI	CUT LENGTH TO 48.5 IN ( (GRAIN TO RUN ALONG 4")) X 4 IN (+
			.0620/0000 IN (GRAIN TO A	.0620/0000 IN (GRAIN TO RUN ALONG 4")) - ALUMINUM PLATE
			SAW SPECIFICATIONS: AMS-QQ-A-250/12	QQ-A-250/12
Purchase Order No	Parl	Part Number	Ordered Qty	Invoice Qty

These items are controlled by the U.S. Government and authorized for export only to the country of uttimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to amy person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. taw and regulations. KAISER ALUMINUM 120863716

Shipped Qty(LBS)

Width (IN) | Length (IN)

PCS

Mech Id

Heat Number

Ē

Delivery No.

80.4138

ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY

1.00 PCS

ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S

Details 35284

Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS

1.00 PCS

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 16-FEB-2017 03:00:02 PM

# INTERORG TRANSFER PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date: Name:

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. Coto Date Printed: 16-FEB-2017 03:00:02 PM SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

### CERTIFIED TEST REPORT

Serial Number 4432642

SOLD TO:

AM CASTLE & CO-SOLD TO 1420 KENSINGTON RD **SUITE 220** OAK BROOK, IL 60523

CUSTOMER PO NUMB 388529-1	ER:	WORK	PACKAGE:	7521	MER PART	NUMBER:	- 1		RUN/LOAD: G	OVTC	ONTRACT NUMBER:	
KAISER ORDER NO: 1216968-1		1	HIP DATE: 11-SEP-201	r		CLAD: BARE	TEMPE	17	PRODUCT DES KaiserSelec			
WEIGHT SHIPPED: 5694 LB	2 PCS		2062	к в/С#: 2385		GAUGE: 4.0000   (1	N 01.6000 N		DIAMETER/WIDT 48.500 IN (1231)	H: .9 MM)	LENGTH: 144.500 IN	(3670,3 MM)

MHU 2013125: LOT 18680285: ) pieces; MHU 2023548: LOT 18299288: 1 pieces;

### **Certified Specifications**

AMS 4078/RevJ **ASTM B 209/Rev14** BSS 7055/RevB DPS 4.713/RevAK MMS 159/RevT

AMS-QQ-A-250/12/RevA ASTM B 594/Rev 13 CMMP 025/RevV GAMPS 9101/RevB/AmdSCN1 PS 21211/RevP

AMS-STD-2154/RevA BAC 5439/RevJ CSTI 006/RevE GSS16100/RevG/Amd1

Test Code: 4297

Lot: 182992B8

Cast 246

Drop 06

**Test Results** Ingot 5

DAS

Melted In USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:

Temper

Dir / # Tests

Ultimate KSI (MPA)

Yield KSI (MPA)

Elongation %

T7351

LT / 2 (Min:Max)

63.8:63.8 (440:440) 51.1:51.2

10.5:10.9

(352:353)

(ASTM E1004)

(EN 2004-1)

41.6 Min

41.8 Max

Conductivity %IACS:

(MS/M):

24.1 Min

24.2 Max

(ASTM E1251)

Chemistry: Actual(wt%)

SI 0.08

FE 0.19

CU MN 1.5 0.03 MG 2.4

CR 0.20 ZN

TI 0.03

ZR 0.01 0.01

OTHER TOT 0.06





### CERTIFIED TEST REPORT

Serial Number 4432642

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

Lot: 186802B5

Cast 225

Drop 14

Ingot 5

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:

Temper T7351

Dir / # Tests

Ultimate KSI (MPA) 64.4:64.8

Yield KSI (MPA) 51.3:51.7

Elongation %

LT / 2 (Min:Max)

11.3:11.6

(444:447)

(354:356)

(ASTM E1004)

(EN 2004-1)

Conductivity %IACS:

41.6 Min

42.0 Max

(MS/M):

24.1 Min

24.4 Max

(ASTM E1251)

Chemistry: Actual(wt%)

SI FE 0.06 0.15

CU 1.4

MN 0.02

MN

0.30

MG 2.6

CR 0.20

CR

ZN 5.8 0.03

0.01

V

0.05

ZR 0.01

TOT

OTHER 0.05

**ALLOY LIMITS** 

7075

MAX(wt%)

SI MIN(wt%) 0.00

0.40

FE 0.00

0.50

1.2 0.00

CU

2.0

0.18 2.1 29 0.28

MG

5.1

6.1

ZN

TI 0.00 0.00

0.20

TI

ZR OTHER 0.00

0.05

TOT

EACH 0.05

MAX

0.15

Aluminum Remainder

ORDER\_COMMENTS AMC CA-15413E R 6

### **TEST NOTES**

Metal represented by this test report was 100% Type I (immersion) ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

### CERTIFICATION

Raiser Aluminum, Trentwood Werks, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

"has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated hereic.

All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chamical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.

\*\*was melted in the United States of America or a qualifying country per DFARS 225.872-1(s), was manufactured in the United States of America, and mosts the requirements of DFARS 252.225 for domastic content.

\*\*has been thermally processed in compliance with AMS 2772, where applicable.

\*\*is is in compliance with Refris 2, European Union Directives 2011/85/EU.

\*\*Is in compliance with Refris 2, European Union Directives 2011/85/EU.

\*\*Is in compliance with Refris 2, European Union Directives 2011/85/EU.

\*\*Is tree of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

\*\*Is the end fundable of the State of the Dodd-Frank Act.

\*\*In the reporting requirements of EN10204, Type 3.1.

Any warranty is limited to that shown on Keiser Aluminum's standard general terms and conditions of sales Tost reports are on file, subject to examination. Test reports shall not be reproduced as a falony unit.

\*\*Incompliance of the Keiser Aluminum laboratory. The recording of false, likitikous of fraudulent statements on antification on the certificate may be punished as a falony unit.

Page 2 of 2

MARINE PLL



### PACKING SLIP/ CERTIFICATE OF CONFORMANCE

A. M. Castle & Co.

Page 1 of 2

Shipment No:3198496

			The state of the s	
Ship From:		Sold To:	Ship To:	Deliver To:
A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN	O. OAD VL5N	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
14-FEB-17	ORIGIN	Prepaid	MANITOULIN	3198496-2
Shipment Details			Final Destination Branch - TOR	JR.
Order No	Line No	Item No	Description	
4660089	_	42464.MO	4.0000.RD 17CR-4NI.STAINLESS.RT.SOL TR.COND A 132 0000-156 0000	ESS.RT.SOL TR.COND
			CUT TO 5.1 IN ( + .1250/00	CUT TO 5.1 IN ( + .1250/0000 IN) - BAND SAW CUTTING
			ALL PAPERWORK MUST FOL	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST
			RECEIVE AT TIME OF DELIVERY	ERY
			ALL MATERIAL MUST HAVE	ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S
			Email P/s and certs to: clavoie@dartaero.com	@dartaero.com
Purchase Order No		Part Number	Ordered Qty	Invoice Qty
35284		YOUR ITEM NUMBER: D6104-005	10.00 PCS	10.00 PCS
Details	ALL PAF	PERWORK MUST FOLLOW OF	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS. FX-HFAT #'S	EIVE AT TIME OF DELIVERY
	Email P/ END US	Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE	то.сот	5-80-4-8
	END US	END USE: COMMERCIAL AIRCRAFT PARTS	PARTS	
Delivery No. Mill	-	Heat Number	Mech Id PCS Widtl	Width (IN) Length (IN) Shipped Qty(LBS)
		The second discount of		-

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified.

They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

Date Printed: 14-FEB-2017 03:29:52 PM



### CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

NORTH

120860941

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Page 2 of 2

187.2907

These tents are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. STAINLESS **AMERICAN** 

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material cut by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material cut by the customer cannot be returned for credit.

| Date: | Name: |

SHIPPED FEB 14 2017



These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. Date Printed: 14-FEB-2017 03:29:52 PM

### MATERIAL RECEIPT INSPECTION FORM

						_	1 101	
MATERIAL: MOSS	5.0	0X.375	PC	/ BATCH NO.:	Y035284/	/M13696		
DATE: 17.03-6					,			
11.03-0	2		-					
				TUICKNE	SS ORDERED:	er 375"		
MATERIAL CERT REC'D: 40 CO	) -	- 11			-			
QUANTITY RECEIVED: 12					SS RECEIVED:	,		
QUANTITY INSPECTED: 12				SHEET S	ZE ORDERED:	- N 7/A		
QUANTITY REJECTED:				SHEET SI	ZE RECEIVED:	MA		
7								
		CR		* *************************************				
DESCRIPTION		eck	COMMENTS					
		N)						
SURFACE DAMAGE	Y	(1)						
CORRECT FINISH	(3)	N				<del></del>		
CORROSION	Y	N						
CORRECT GRAIN DIRECTION	(A)	N						
CORRECT MATERIAL  CORRECT THICKNESS		N						
PHOTO REQUIRED	(Y)	N						
CORRECT MATERIAL		N	AMS-QQ	1 250/12				
CORRECT REF # TO LINK CERT	(Y)	N	178099B					
CORRECT MATERIAL IDENTFICATION	7.5	N	1100110	3				
CORRECT M# ON THE MATERIAL	(Y)	N						
DOES THIS MATERIAL REQUIRE	1.2	, , ,						
ENGINEERING SIGN OFF	Y	(M)			_			
DOES THIS REQUIRE AN								
EXTRUSION REPORT	Υ	M						
		0						
			V			LIEOI		
CUT SAMPLE PIECE					HARDNESS C	HECK.		
	F	REC	ORD RESULTS		T DUD A	DUR D	Т	
			HRC	HRB	DUR A	DOND		
TYPE OF MATERIAL							†	
SIZE OF TEST SAMPLE					1			
HARDNESS / DUROMETER REA			located in the Q	uality Office				
	16	esters	iocateu iii tile Q	dunty Office				

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY:
DATE: 17.03.03	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

### MATERIAL RECEIPT INSPECTION FORM

				Ω	1 2			
MATERIAL: MOOS	0.3	CP.8.77	PC	/ BATCH NO.:	1035254/	1413696		
DATE: 17.03-C				,				
<u> </u>								
MATERIAL CERT REC'D:			THICKNESS ORDERED: . 375"					
MATERIAL CERT REC'D: Quantity RECEIVED:								
	۲,			THICKNESS RECEIVED: .375"				
QUANTITY INSPECTED: /	<u> </u>			SHEET SIZE ORDERED:				
QUANTITY REJECTED: Ø				SHEET SIZE RECEIVED:				
,								
	N/C	20	<u> </u>					
DECODIDATION		CR		COMMENTS				
DESCRIPTION		eck N)	COMMENTS					
OUDEACE DAMAGE								
SURFACE DAMAGE	(Y)	A						
CORRECT FINISH	Y	N						
CORROSION CORRECT GRAIN DIRECTION	(Y)	N						
CORRECT MATERIAL	8	N						
CORRECT THICKNESS	Ø	N						
PHOTO REQUIRED								
CORRECT MATERIAL	AMS . QQ. A-	255/12						
			17509988					
CORRECT MATERIAL IDENTFICATION		N	.,00,,100	- 0 (C-0)				
CORRECT M# ON THE MATERIAL	Y	N						
DOES THIS MATERIAL REQUIRE								
ENGINEERING SIGN OFF	Y	N						
DOES THIS REQUIRE AN								
EXTRUSION REPORT	Y	(N)						
				25500144	IA DONE OC. O	LIFOK		
CUT SAMPLE PIECI					HARDNESS C	HECK.		
	ŀ	RECO	ORD RESULTS		DUR A	DUR D	Ι	
TYPE OF MATERIAL			HRC	HRB	DURA	DOKD		
TYPE OF MATERIAL	<u> </u>				-			
SIZE OF TEST SAMPLE HARDNESS / DUROMETER REA	<del>                                     </del>				1			
HARDNESS / DUROMETER REA			located in the Qua	ality Office				
	10	J31613	rosaica iii iiie Qui	and onloc				

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY:
DATE: 1.03.03	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

### MATERIAL RECEIPT INSPECTION FORM

MATERIAL 177079 DATE 1770	ST 3/6	73	B4.00x4.06	PO	/ BATCH NO	35284/	3694
MATERIAL CERT REC'D.  QUANTITY RECEIVED.  QUANTITY INSPECTED.  QUANTITY REJECTED.	4	2	TI SI	4.00 B.98t	)		
DESCRIPTION	(Ch	CR leck (N)		C	OMMENTS		
SURFACE DAMAGE	Y	10					
CORRECT FINISH	(Y)	N					
CORROSION	Y	0					
CORRECT GRAIN DIRECTION	(3)	N					
CORRECT MATERIAL	Ø	N	7075 17	3			
CORRECT THICKNESS	W	N	3.980				
PHOTO REQUIRED	X	(1)			25-01-		
CORRECT MATERIAL	00	N	AMS-QQ	-4-	250/12		
CORRECT REF # TO LINK CERT	(0)	N	HEAT#	1860	0285	2/	
CORRECT MATERIAL IDENTFICATION	(2)	N	M7075T-	£373°	4.00X4.6	0	
CORRECT M# ON THE MATERIAL	7Y)	N	M136965				
DOES THIS MATERIAL REQUIRE		^					
ENGINEERING SIGN OFF	Y	N					
DOES THIS REQUIRE AN		A					
EXTRUSION REPORT	Y	N					
CUT SAMPLE PIECI	= 05	ΝΔ	TERIAL AND PREF	ORM A I	HARDNESS C	HECK.	
COT SAMPLE FIED	_ 01	RECO	ORD RESULTS BEL	.OW			
		,,,,		IRB	DUR A	DUR D	
TYPE OF MATERIAL			3023, 9020				
SIZE OF TEST SAMPLE						7	
HARDNESS / DUROMETER REA	ADIN	G					
FIARDNESS / BOROME / ER TE	t	esters	located in the Quality	Office			
	_						

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY:	DAS 14	SIGNED OFF BY:
DATE	17/03/	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

### **PURCHASE ORDER**

### Purchase Order ID PO35284

Purchase Order Date 2/10/2017 PO Print Date 2/10/2017

Page Number 1 of 3

Order From:

METAUX CASTLE P.O. BOX 4090 STN A TORONTO, ONTARIO M5W OE9 VU-MET002

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

**Contact Name** 

**CANADA** 

**Vendor Phone** 

Ship To Contact Ship To Phone

Ship Via: Ship Acct:

Yours ppd

Buyer

Chantal Lavoie

**Customer POID** 

Customer Tax#

10127-2607 Net 30

Terms Currency

USD

**FOB** 

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments		Description/ Mfg ID	Req Date/ Taxable Promise Date	CD Req Qty/ Unit of Measure	/	PO Unit Price	Extended Price
1	M7075T6B0.375X8.000	/	7075-T6 Plate 0.375" X 8.000", QQ-A 250/12	3/6/2017	FN (12.00)		\$24.84	\$298.08
				Yes	f			
DAS				2/6/2017				

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR 9-89 AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

M7075T6B5.000X0.375

DAS

7075-T6 BAR 5.000" X 0.375"

3/6/2017

Yes

Line Total:

\$298.08

2/6/2017

\$17.09

\$205.08

9-8 MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total:

\$205.08

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

### PURCHASE ORDER

### Purchase Order ID PO35284

Purchase Order Date 2/10/2017 PO Print Date 2/10/2017

Page Number 2 of 3

Order From:

VU-MET002

Ship To:

DART AEROSPACE LTD

METAUX CASTLE

P.O. BOX 4090 STN A

TORONTO, ONTARIO M5W OE9

**CANADA** 

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

Contact Name

Buyer

Chantal Lavoie

**Vendor Phone** 

**Customer POID** 

**Ship To Contact** 

Customer Tax# Terms

10127-2607 Net 30

Ship To Phone Ship Via:

Currency

USD

Ship Acct:

3

Yours ppd

**FOB** 

Destination-Collect

M7075T73B4.000x4.000

7075-T73 Bar 4.0 x 4.0 grain direction along 4" 3/6/2017

4.00

\$124.25

\$497.00

wide

Yes

2/6/2017

MATERIAL: 7075-T73/T73510T73511 BAR AS PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS

NOTE: GRAIN DIRECTION MUST RUN ALONG 4" WIDE

Line Total:

\$497.00

D6101-007P

7075-T7351

3/6/2017

20.00

\$56.11

\$1,122.20

8.25X7.75X2.5

Each

Yes

2/6/2017

AS PER DWG D6101 REV. B

B156737

MATERIAL: 7075-T7351 (QQ-A-250/12) SIZE: 7.750" X 8.250" X 2.50" THICK

GRAIN DIRECTION ALONG: 7.750" LENGTH TOLERANCE AS PER QUOTE +.030"/-.000"

Line Total:

\$1,122.20

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

### **PURCHASE ORDER**

### Purchase Order ID PO35284

Purchase Order Date 2/10/2017 PO Print Date 2/10/2017

Page Number 3 of 3

Order From:

VU-MET002

DART AEROSPACE LTD Ship To:

METAUX CASTLE P.O. BOX 4090 STN A

TORONTO, ONTARIO M5W OE9

**CANADA** 

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

**Contact Name** 

Vendor Phone

**Ship To Contact** 

Ship To Phone Ship Via:

Ship Acct:

Yours ppd

17-4 SS Roundbar 4.00"Od

3/6/2017

Yes

2/6/2017

AS PER DWG 26104 REV. B

D6104-005P

Buyer

**Terms** 

**FOB** 

Currency

Chantal Lavoie

**Customer POID** 

10127-2607 Customer Tax#

Net 30

USD

Destination-Collect

10.00

\$54.20

\$0.00

\$542.00

B156738

MATERIAL: 17-4 PH AS PER AMS 4643 OR AISI 630

SIZE: 4.00" X 5.10" LONG

Each

Line Total:

\$542.00

\$0.00

71401-45

PROCUREMENT **QUALITY CLAUSES** 

3/6/2017

No

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier A043 retension of quality documents

2/6/2017

7-00-16.

Line Total:

\$0.00

PO Total:

\$2,664.36

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.